Serial No.: 09/938,714

<u>REMARKS</u>

Applicant's attorney Bentley Olive conducted a Telephone Interview with Examiner Mizrahi on February 15, 2006 regarding the fax submission of Exhibits A and B on December 15, 2005. Applicant's attorneys sincerely appreciate Examiner Mizrahi's time and consideration in participating in the Telephone Interview.

Examiner Mizrahi was unable to read the Exhibits and suggested mailing the Exhibits. Attached are Exhibit A and B. Please note the Exhibits can be pieced together by referring to the attached grids.

By submission of the attached copies of Exhibits A and B, applicant respectfully submits that Amendment B is fully responsive to the Official Action dated March 1, 2005. Further, applicant respectfully requests reconsideration of Amendment B.

CONCLUSION

In light of the above amendments and remarks, it is respectfully submitted that the present application is now in proper condition for allowance, and such action is earnestly solicited.

If any small matter should remain outstanding after the Patent Examiner has had an opportunity to review the above Remarks, the Patent Examiner is respectfully requested to telephone the undersigned patent attorney in order to resolve these matters and avoid the issuance of another Official Action.

Serial No.: 09/938,714

DEPOSIT ACCOUNT

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. <u>50-0426</u>.

Respectfully submitted,

JENKINS, WILSON, TAYLOR & HUNT, P.A.

Date: 02/22/2006

By:

Arles A. Taylor, Jr.

Registration No. 39,395 Customer No. 25297

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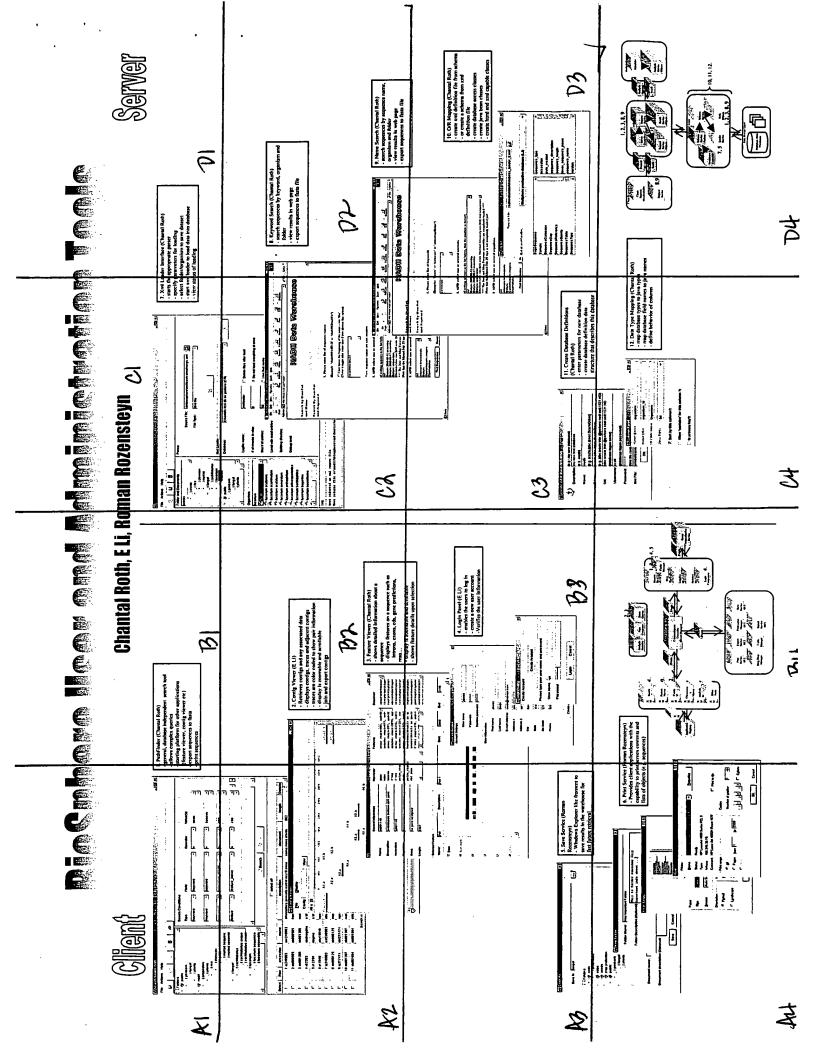
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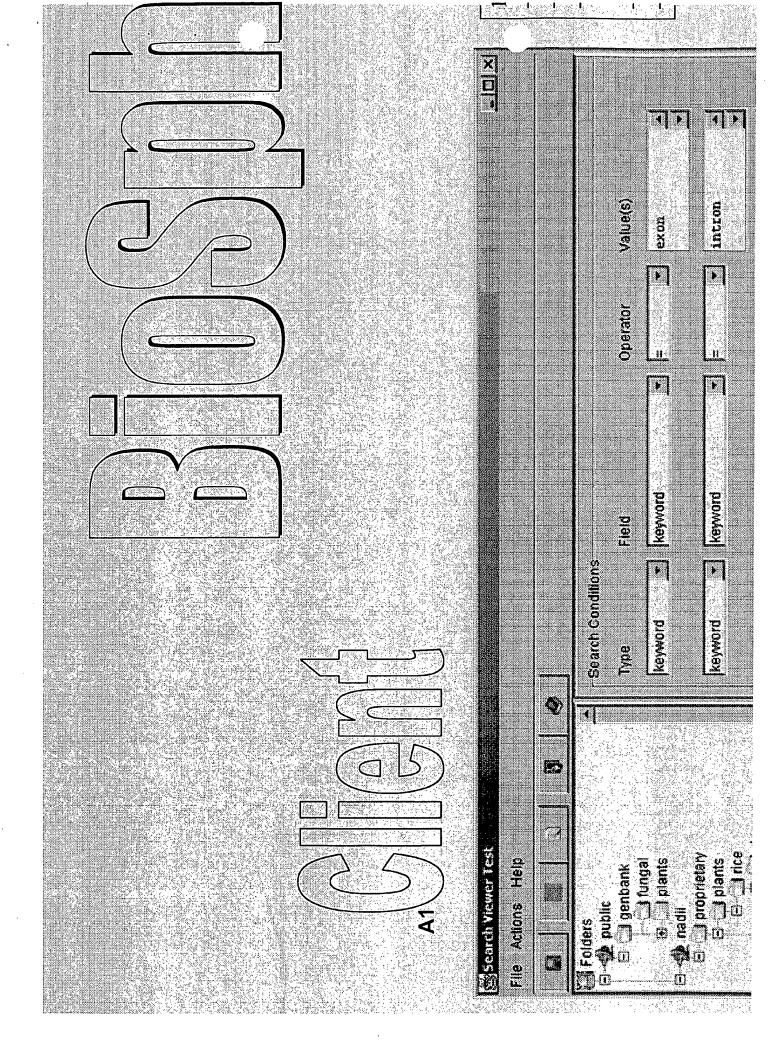
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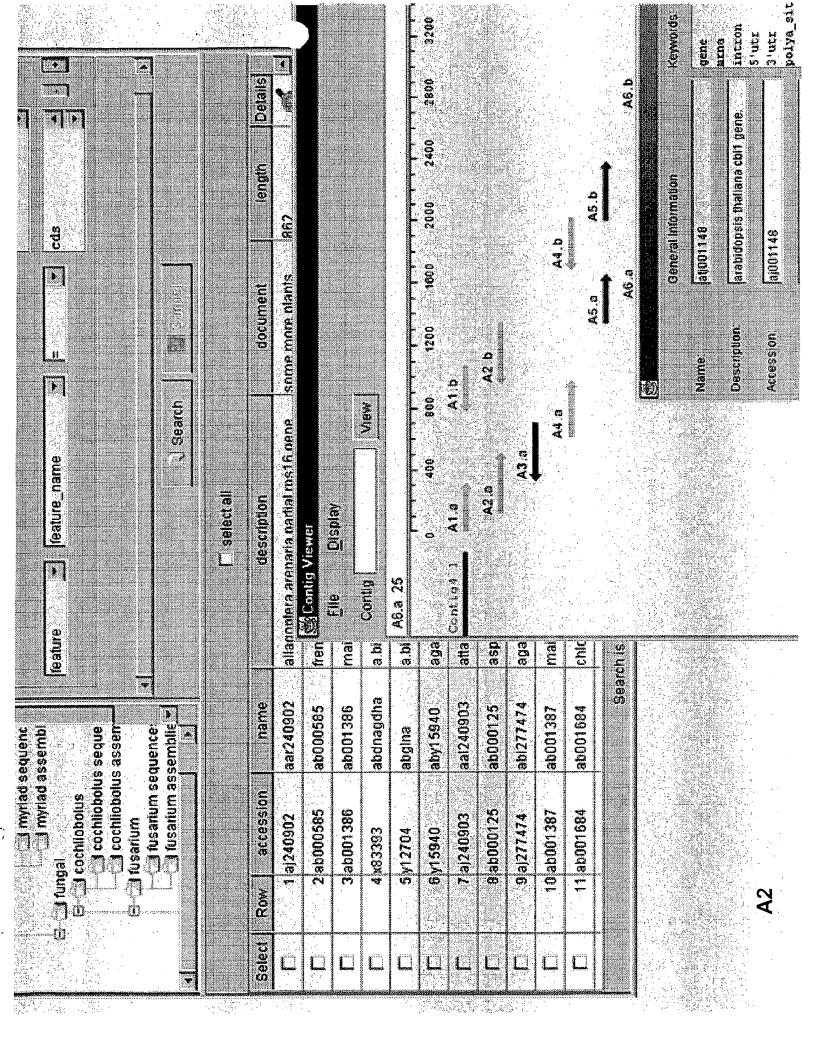
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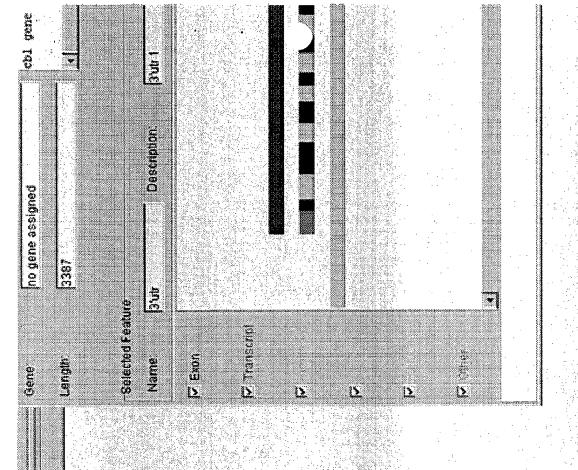
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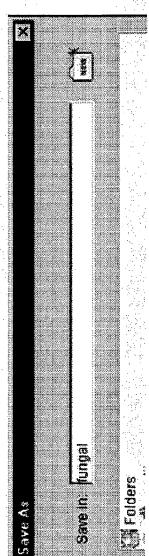




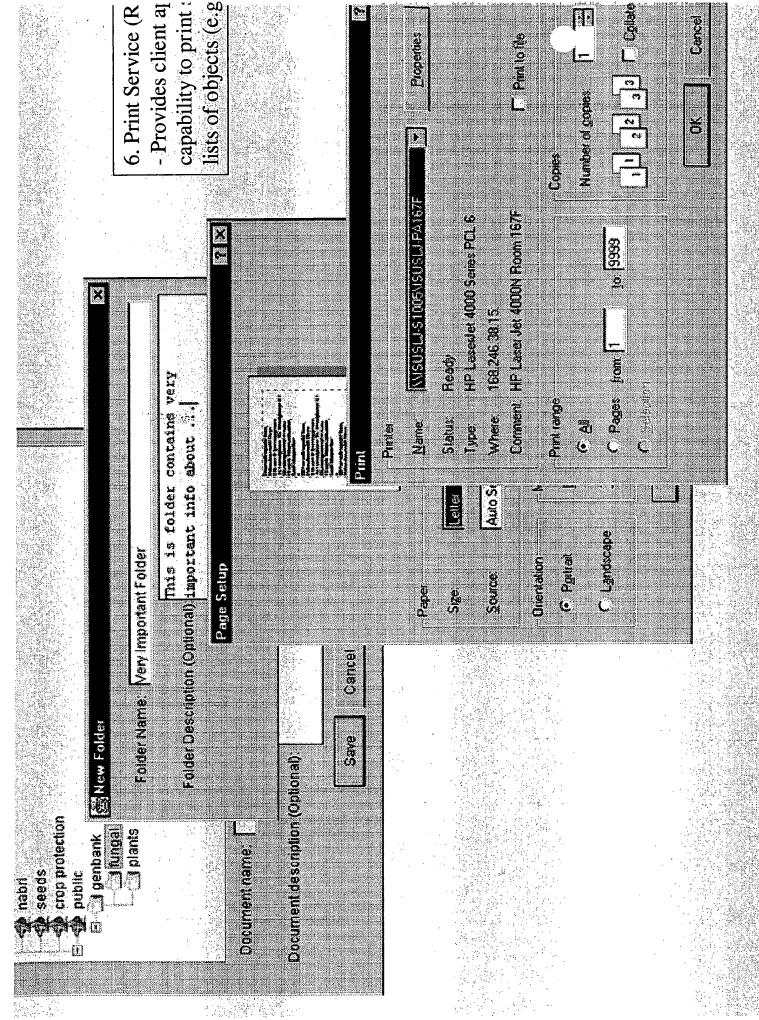


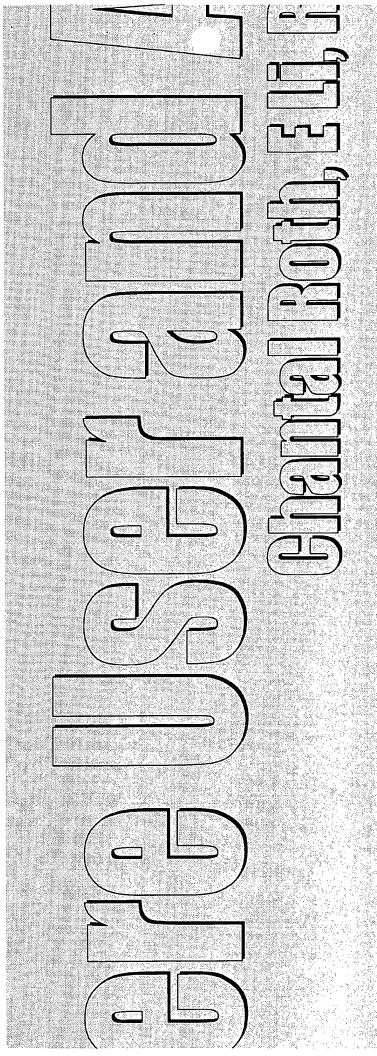


5. Save Service (Roman Rozensteyn)
- Windows Explorer like frontent to save results in the warehouse for fast future retrieval

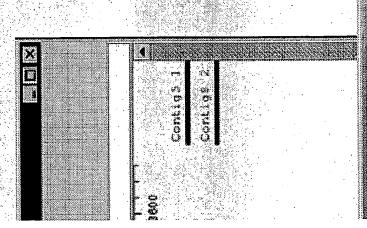


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PathFinder (Chantal Roth)
eneral, database independent search tool
lows complex queries
arting platform for other applications
eature viewer, contig viewer etc)
kport sequences to fasta
rint sequences



2. Contig Viewer (E Li)

- Retrieves contigs and any associated data

displays contigs, traces and adjacent contigs

- traces are color coded to show pair information -display is zoomable and scrollable

- join and export contigs

3. Feature Viewer (Chantal Roth)

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exon; start=689, end=85*

Features

ctacytotytotygi

coctattatottagat caccgetttgtttet

intron; start*1073, encexon; start=957, end*lC intron; start=857, end=

intron: start-1224, end exon; start=1153, end=1

attgaagaatcgacae

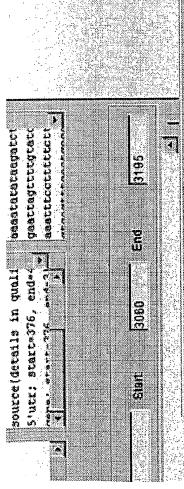
shows detailed information about a sequence

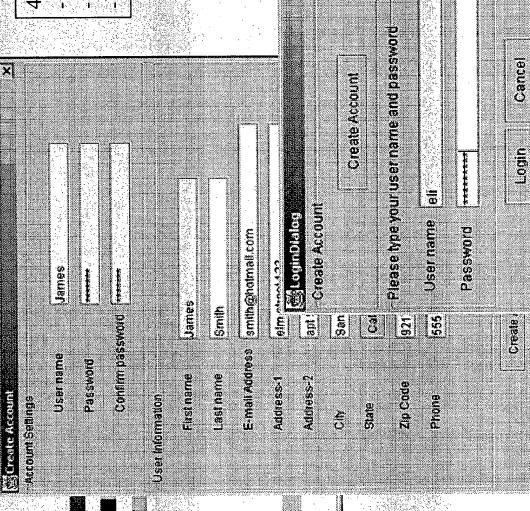
displays features on a sequence such as

introns, exons, cds, gene predictions, rnas.

display is zoomable and scrollable

- shows feature details upon selection

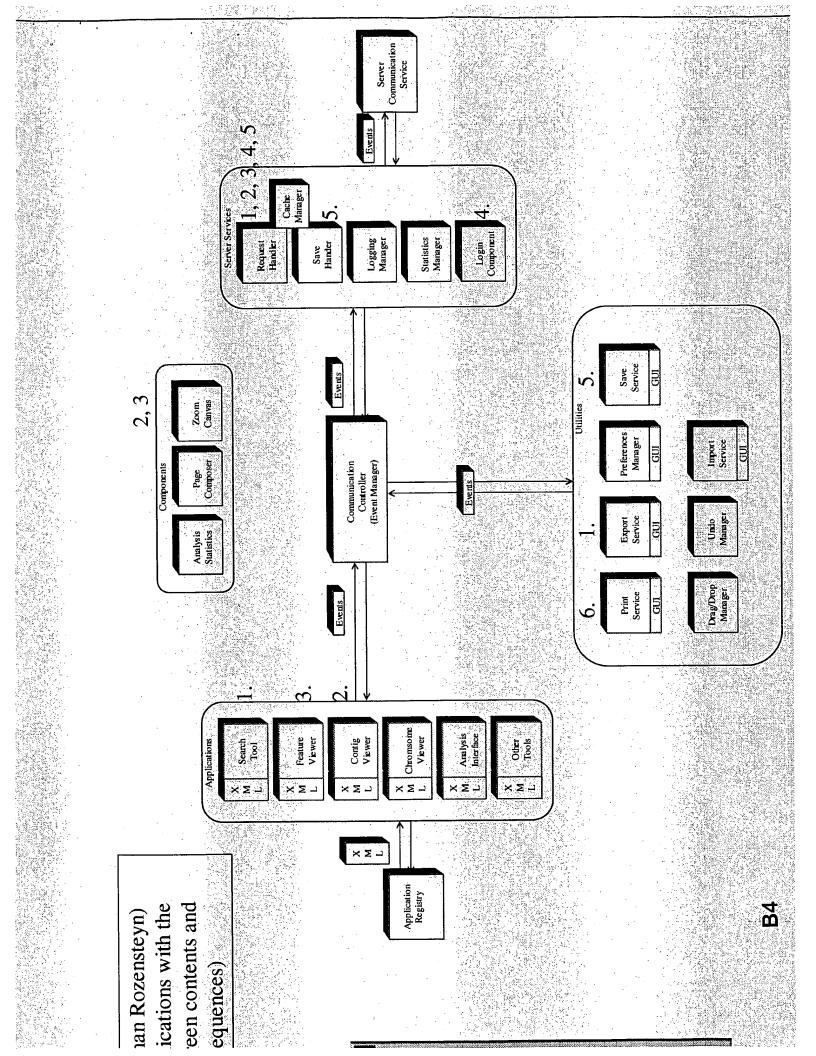


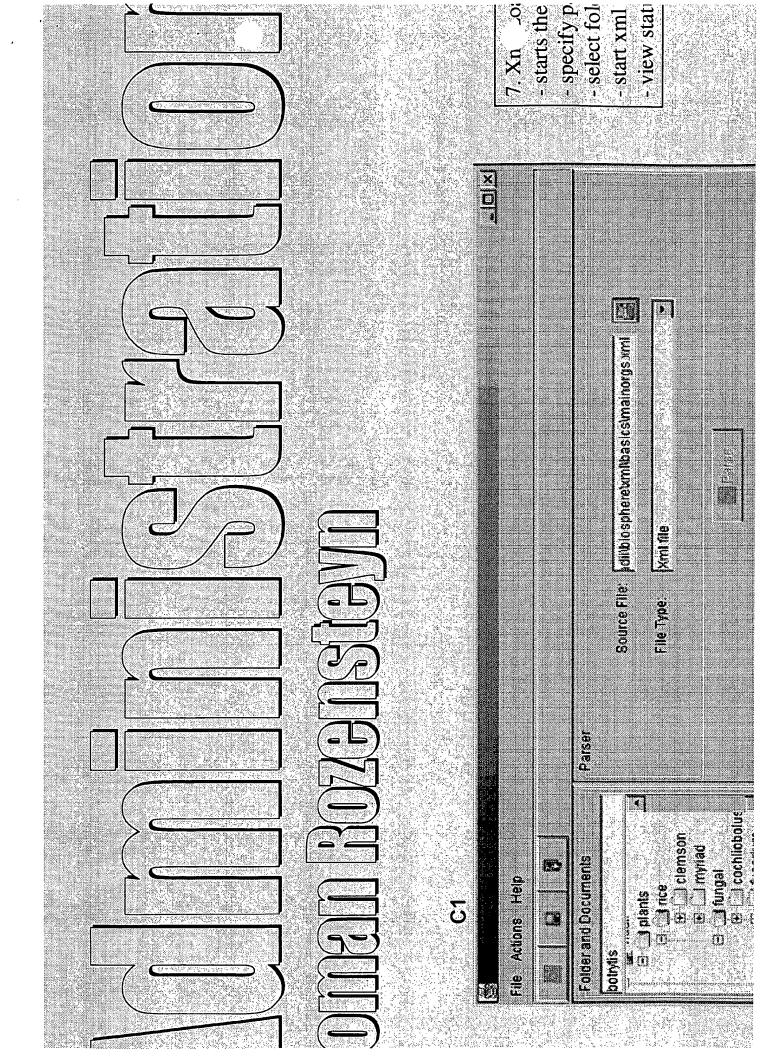


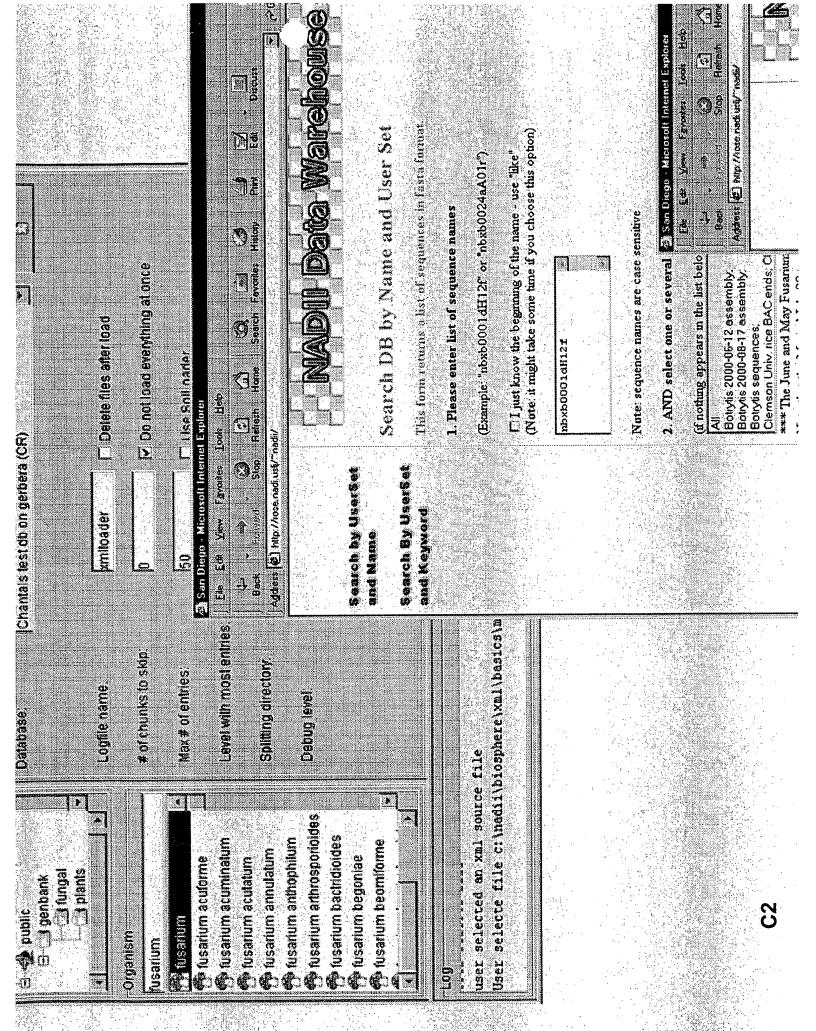
4. Login Panel (E Li)
- enables the users to log in

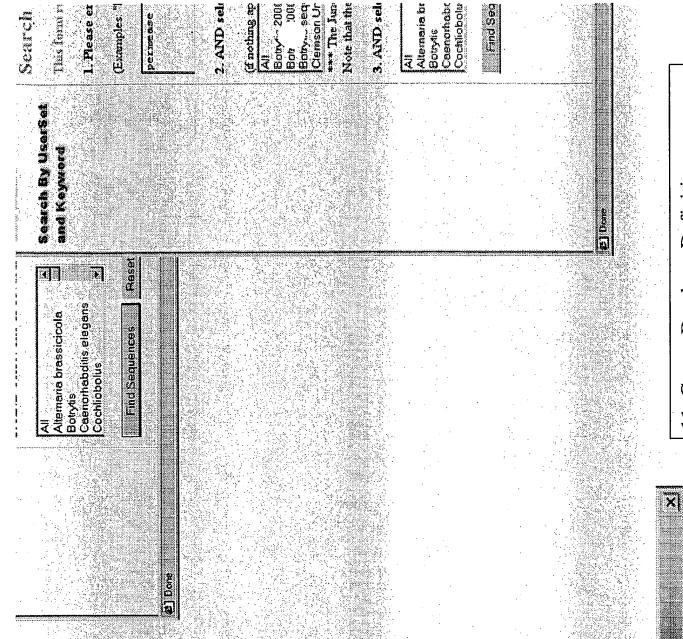
- create a new user account

-Verifies the user information









11. Create Database Definitions (Chantal Roth)

- enter parameters for new database
- create database definition data structure that describes this database

(e.g. oracle idbc driver.OracleDriven)

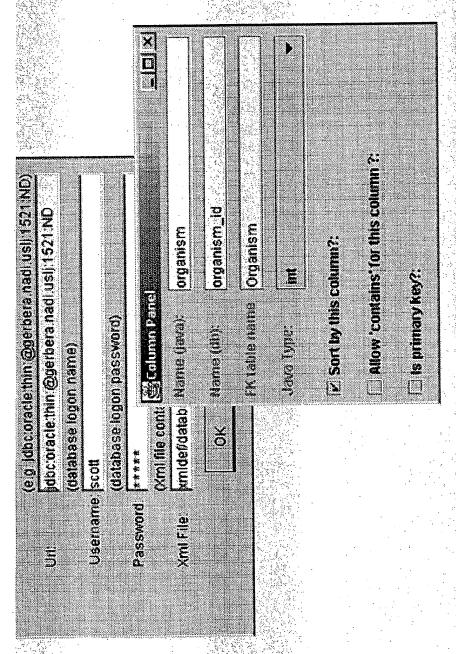
mydb

Name:

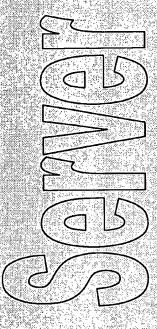
(e.g.: my new database)

Create a database definition

Description my new test database (e.b. mydb)



12. Data Type Mapping (Chantal R - map database types to java types - map database field names to java - define behavior of column



ler Interface (Chantal Roth)
ppropriate parser
ameters for loading
yorganism to save dataset
ader to load data into database
of loading

- search sequences by keyword, organism and 8. Keyword Search (Chantal Roth)

- view results in web page

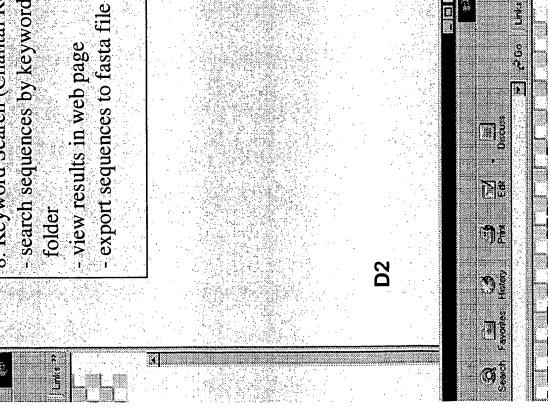
9. Name Search (Chantal Roth)

Gi.

 search sequences by sequence name, organism and folder

- view results in web page

- export sequences to fasta file



ms a list of sequences in facta format.

r list of keywords

ase" or "permease" or "ammotransferase").

one or several usersets

ars in the list below, then the machine is down!)

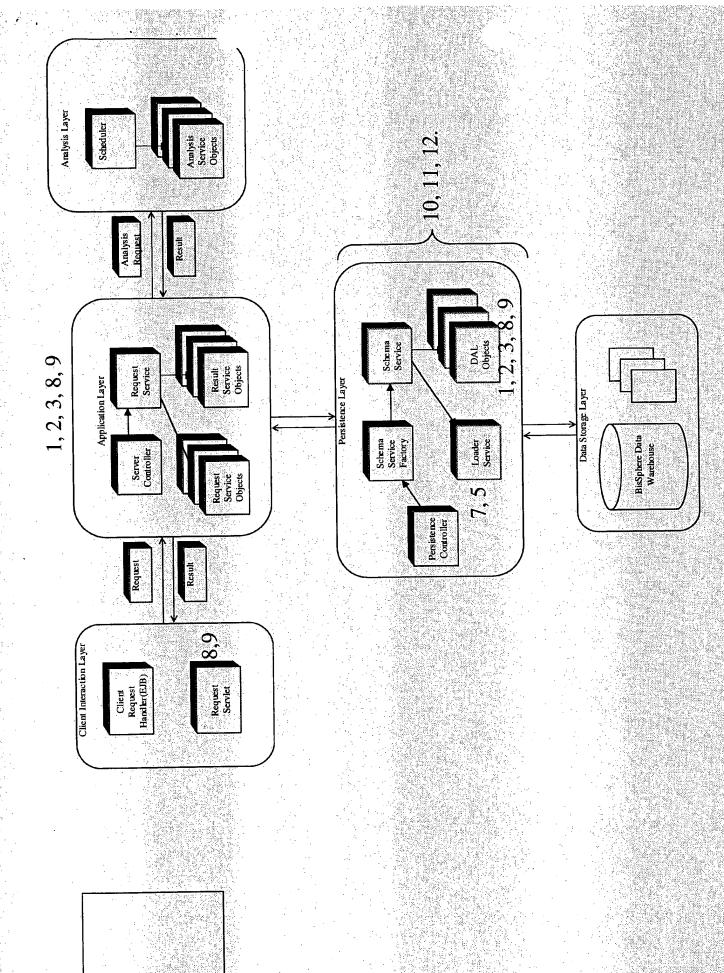
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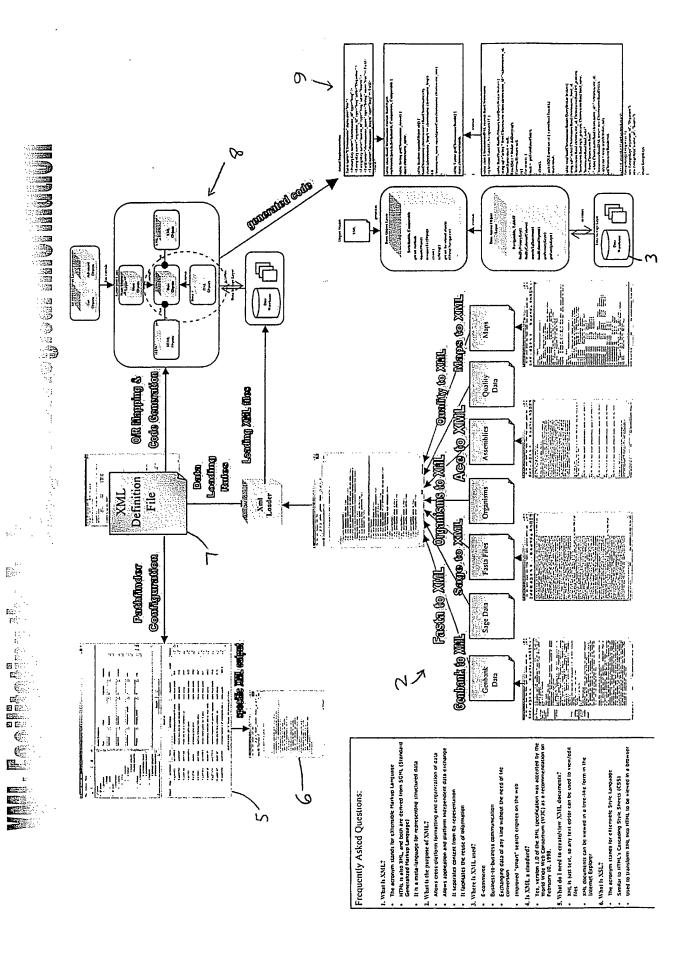
one or several organisms.

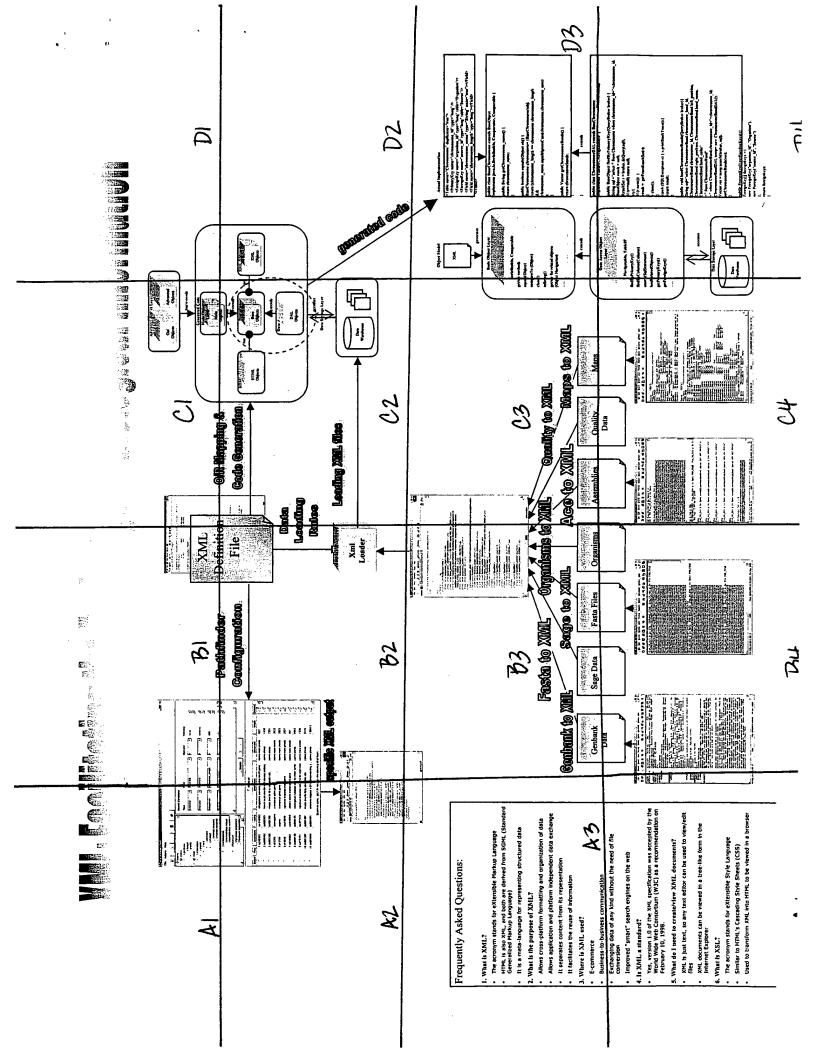
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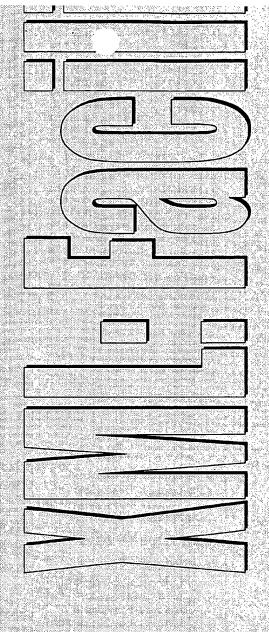
create xml definition file from schema - create html and xml capable classes 10. O/R Mapping (Chantal Roth) - create database access classes or create a schema from xml create java bean classes definition file

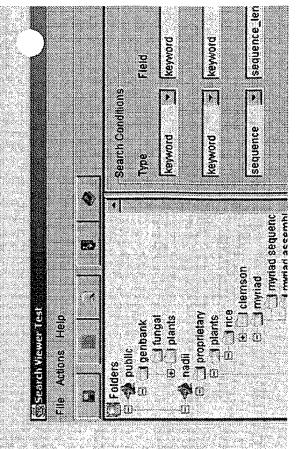


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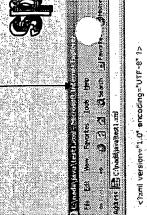






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Frequently Asked Questions

1. What is XML?

The acronym stands for eXtensible Markup Language

HTML is also XML, and both are derived from SGML (Standard Generalized Markup Language)

It is a meta-language for representing structured data

2. What is the purpose of XML?

Allows cross-platform formatting and organization of data

Allows application and platform independent data exchange

It separates content from its repesentation

It facilitates the reuse of information

3. Where is XML used?

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F-commerce

- BUSINESS-TO-DUSINESS COUNTIUM INCAUOU
- Exchanging data of any kind without the need of file conversion
- Improved "smart" search engines on the web

4. Is XML a standard?

Yes, version 1.0 of the XML specification was accepted by the World Wide Web Consortium (W3C) as a recommendation on February 10, 1998

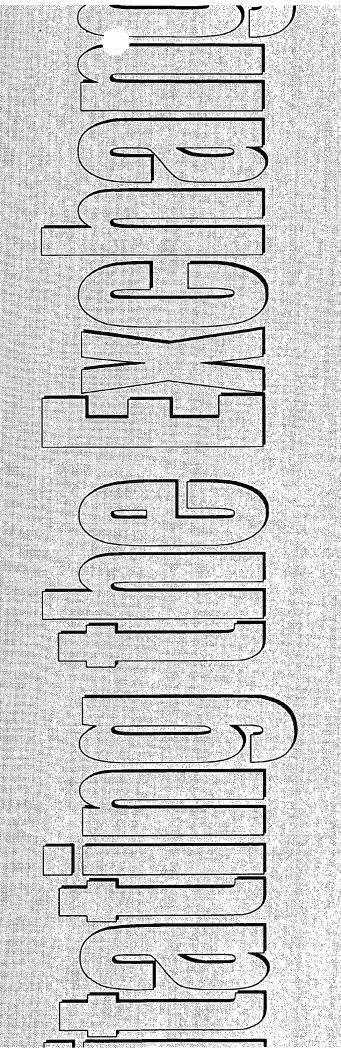
Draging & 10CUS 10CUS

- 5. What do I need to create/view XML documents?
- XML is just text, so any text editor can be used to view/edit files
- XML documents can be viewed in a tree-like form in the Internet Explorer

TITLE

6. What is XSL?

- The acronym stands for eXtensible Style Language
- Similar to HTML's Cascading Style Sheets (CSS)
- Used to transform XML into HTML to be viewed in a browser





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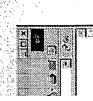
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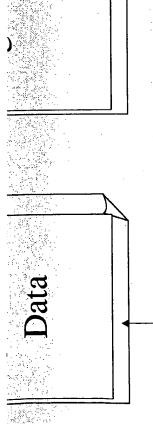
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Rounsley, S.D., Shea, J.P., Benito, H.-L., To, T. M. Boenen, C.L., Barnslead, M.E., Leel, C.R., Ketchus, K.A., Leel, J.J., Rouning, S., Gronin, L.A., Shen, M., Vanaken, C.F.

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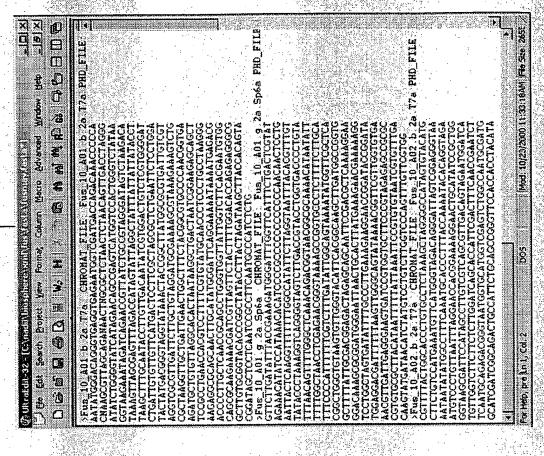
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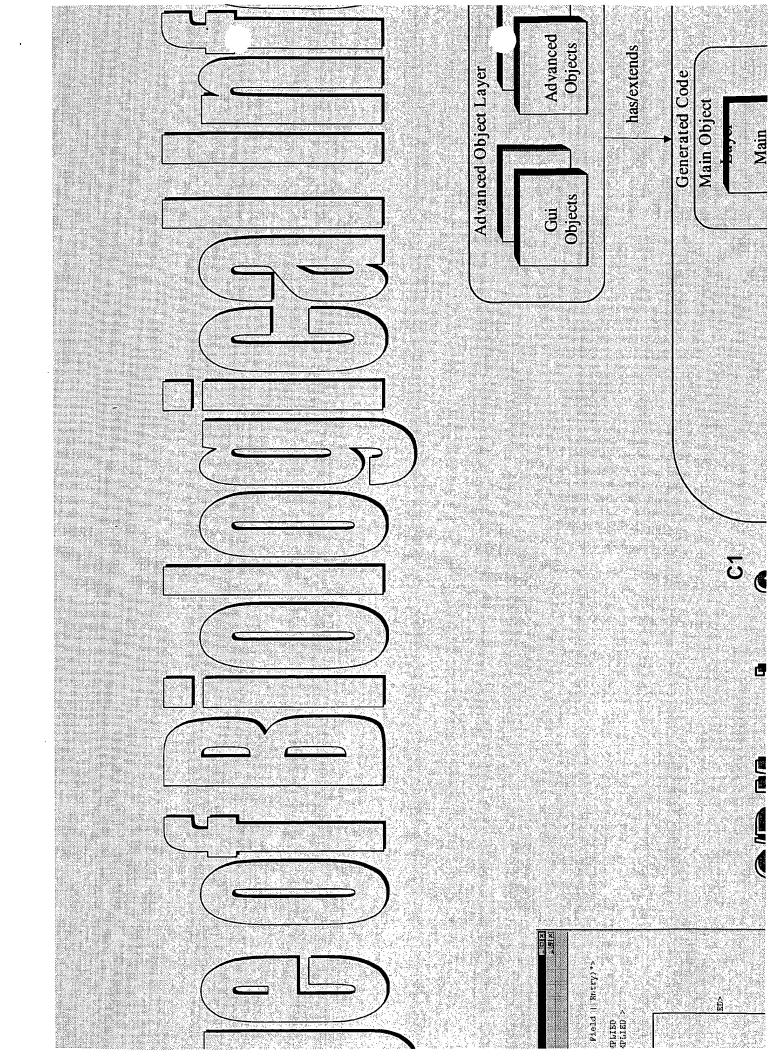
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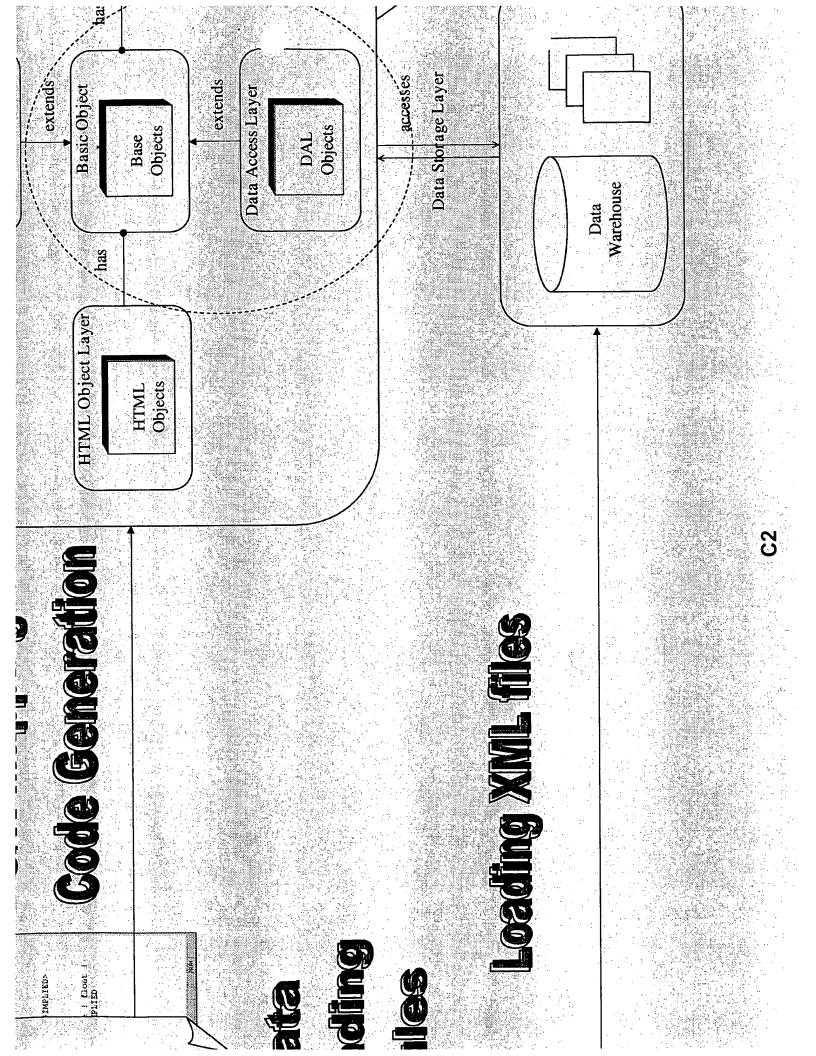
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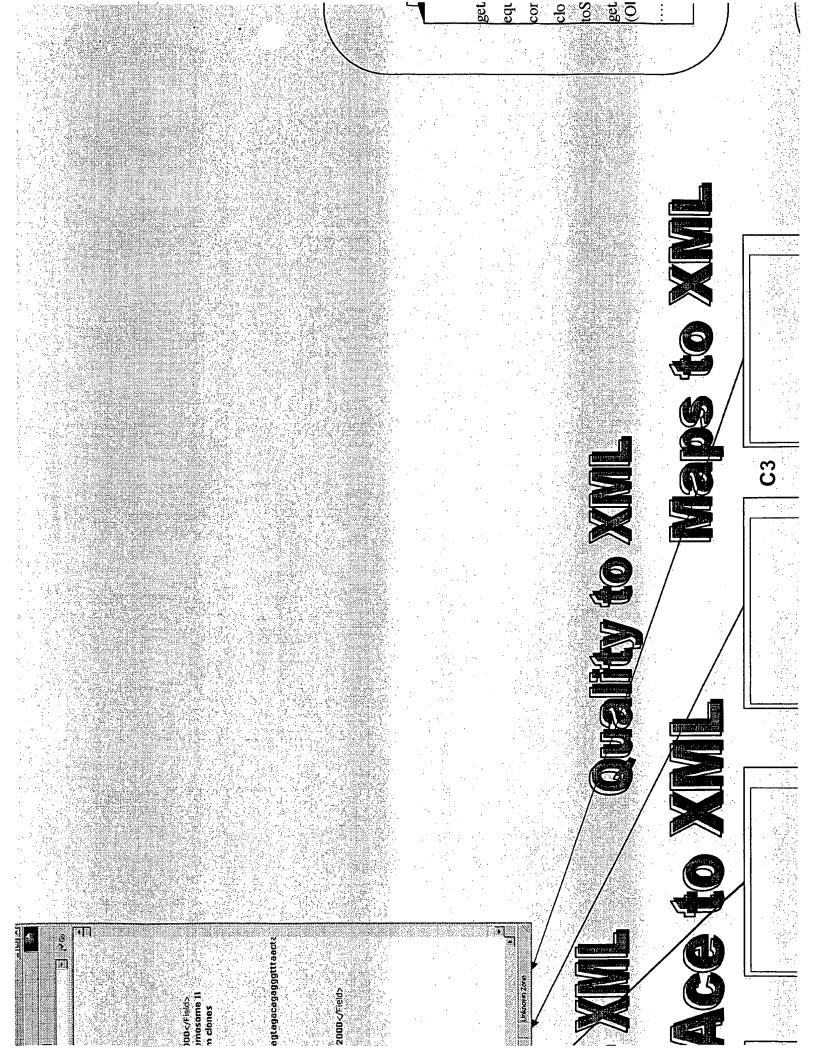
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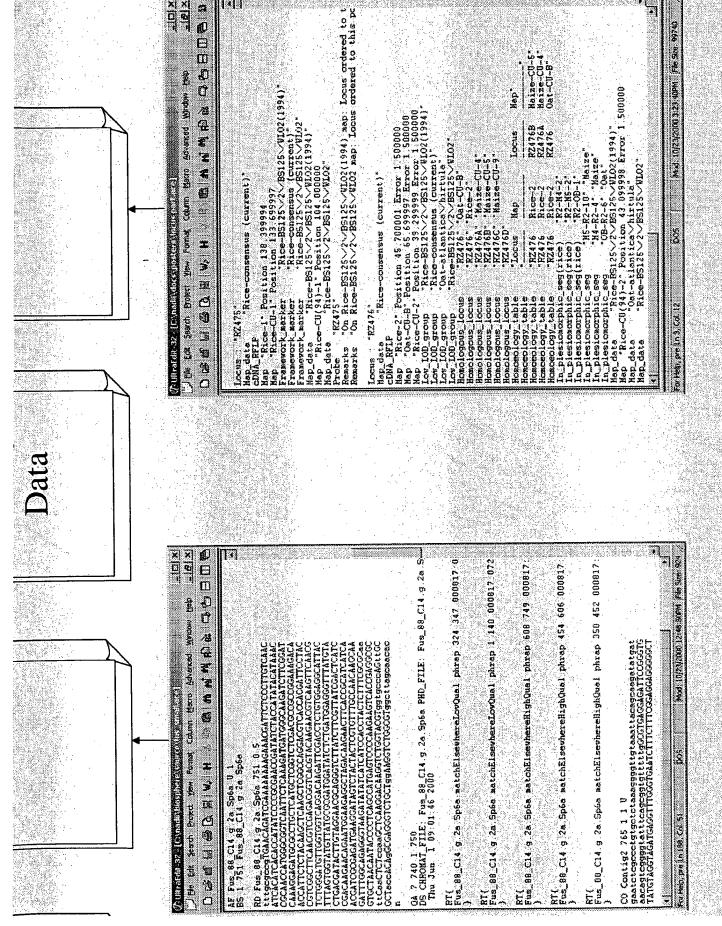
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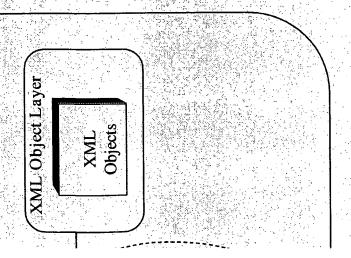




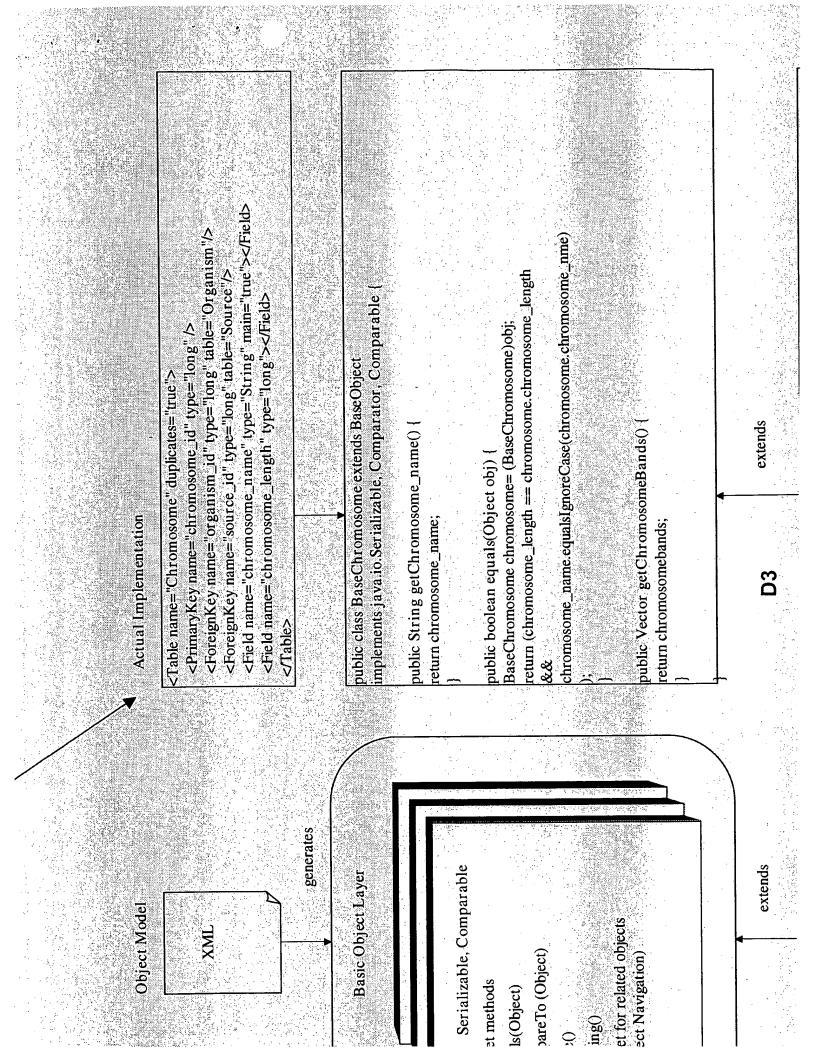


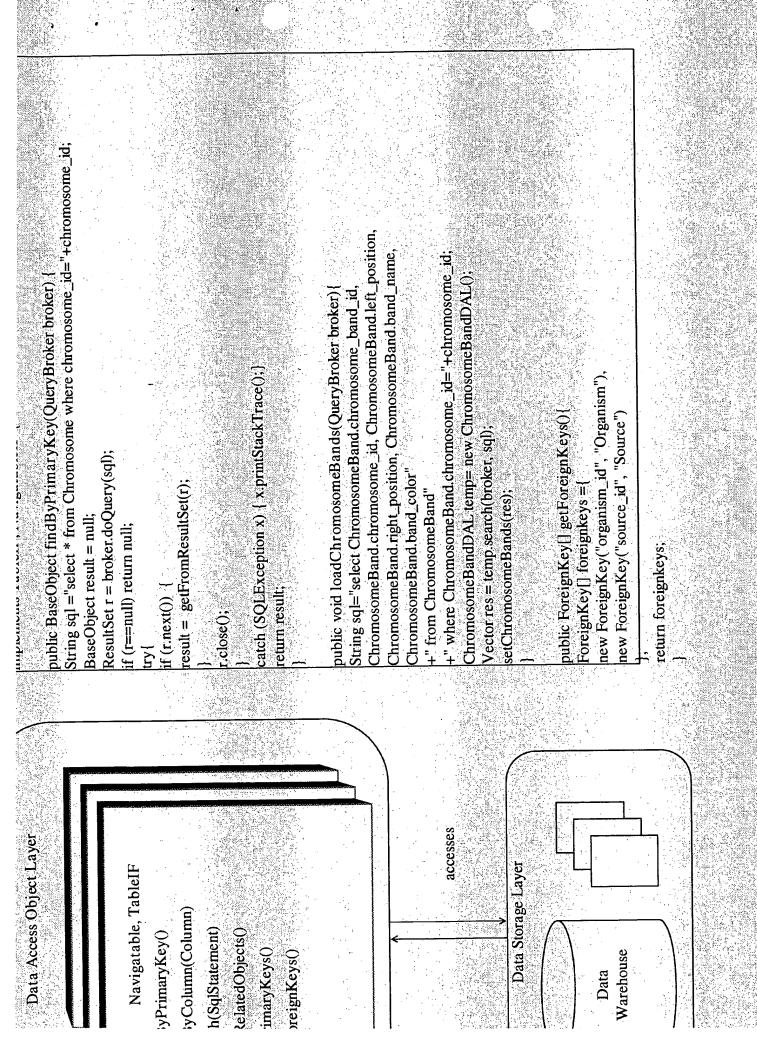


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